

Converting Colors

XYZ(59.6300, 82.7061, 63.6074)

Have a look what the booklet for
XYZ(59.6300, 82.7061, 63.6074)
contains.

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Color

**XYZ(59.5982, 82.6841,
63.8574)**

Conversions

Conversions Part 1

Format	Color
Hex	9EFFC2
RGB	158, 255, 194
RGB Percent	62%, 100%, 76%
CMY	0.3804, 0.0000, 0.2392
CMYK	0.38, 0.00, 0.24, 0.00
HSL	142°, 100%, 81%
HSV	142°, 38%, 100%
XYZ	59.5982, 82.6841, 63.8574
YIQ	219.0430, -38.2310, -39.5350

Conversions

Conversions Part 2

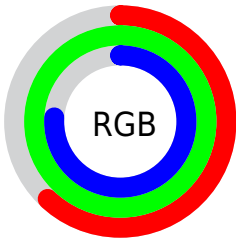
Format	Color
RYB	158, 229, 255
Decimal	10420162
CIELab	92.88, -41.33, 20.31
CIElCh	93, 46.054, 153.835
Yxy	82.6841, 0.2891, 0.4011
Android (android.graphics.Color)	4288610242 (0xFF9EFFC2)
YUV	219.0430, -12.3462, -53.5347
Hunter-Lab	90.9308, -42.1358, 22.0143

Details

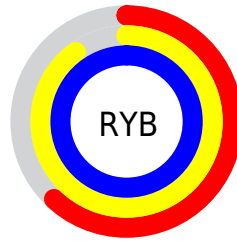
The XYZ color **59.5982, 82.6841, 63.8574** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **66.2535, 50.8291, 73.3371**, and the grayscale version is **67.4636, 70.9770, 77.2940**.

A 20% lighter version of the original color is **81.1969, 92.9321, 104.9249**, and **30.4072, 45.1064, 31.9147** is the 20% darker color. If you saturate the color by 10%, you get **53.3870, 79.6791, 54.6676**, and if you desaturate by 10%, it is **67.0458, 86.3041, 74.1223**.

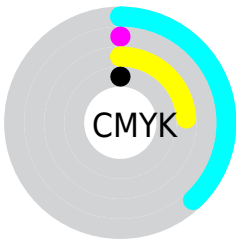
Distribution



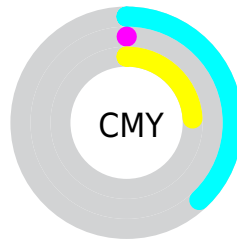
- Red (62%)
- Green (100%)
- Blue (76%)



- Red (62%)
- Yellow (90%)
- Blue (100%)



- Cyan (38%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (38%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5982, 82.6841, 63.8574 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 59.5982, 82.6841, 63.8574 by changing the saturation by 10% instead.

 59.5982, 82.6841,
63.8574


 59.5982, 82.6841,
63.8574


412.9737,
503.9331, 456.8678

 43.3431, 61.9296,
46.0897


 103.3563,
137.1329, 112.0030

 30.3501, 44.9758,
31.9675


 131.5899,
171.5960, 143.2181

 20.2538, 31.4384,
21.0720


164.5471,
211.3974, 179.7527

 12.6890, 20.9329,
12.9849

202.5932,
256.9216, 222.0254

 7.2903, 13.0749,
7.2876

246.0935,
308.5528, 270.4547

 3.6922, 7.4802,
3.5614

295.4135,

 1.5295, 3.7642,

366.6756, 325.4592

1.3880

350.9184,
431.6742, 387.4574

■ 0.3458, 1.5425,
0.1323

■ 0.0000, 0.3184,
0.0000

■ 59.5982, 82.6841,
63.8574

■ 59.5982, 82.6841,
63.8574

■ 53.3870, 79.6791,
54.6676

■ 67.0458, 86.3041,
74.1223

■ 48.3391, 77.2521,
46.5134

■ 75.7928, 90.5707,
85.4920

■ 44.3767, 75.3637,
39.3589

■ 85.9004, 95.5150,
97.9998

■ 41.4108, 73.9687,
33.1642

95.0500, 100.0000,
108.9000

■ 39.3374, 73.0145,
27.8866

■ 38.0172, 72.4301,
23.4793

■ 37.8093, 72.3397,
22.7113

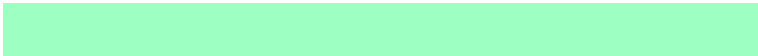
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.3972, 82.6841, 45.4435



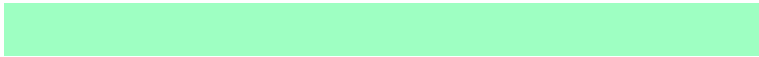
59.5982, 82.6841, 63.8574



57.6904, 82.6841, 94.5341

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.5982, 82.6841, 63.8574



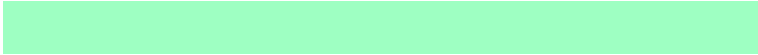
80.1465, 82.6841, 173.6465



99.4162, 82.6841, 57.9445

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59.5982, 82.6841, 63.8574



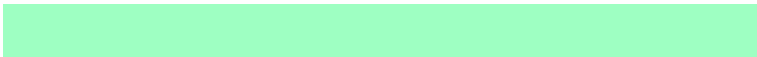
66.2535, 50.8291, 73.3371

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.0078, 82.6841, 85.6692



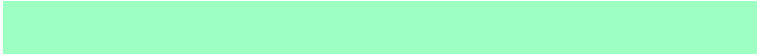
59.5982, 82.6841, 63.8574



92.1882, 82.6841, 157.0471

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.5982, 82.6841, 63.8574



68.8216, 82.6841, 163.5575



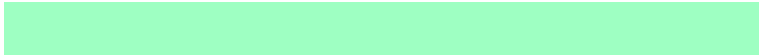
101.2374, 82.6841, 122.5223



89.2388, 82.6841, 42.6913

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.5982, 82.6841, 63.8574



59.2682, 82.6841, 119.5483



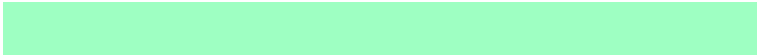
101.2374, 82.6841, 122.5223



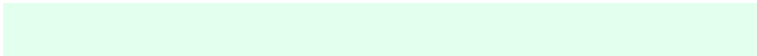
101.7087, 82.6841, 65.8190

Sweetspot

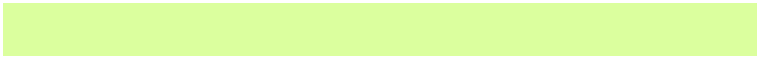
The Sweet Spot groups the original color and five complimentary colors.



59.5989, 82.6845, 63.8588



82.7616, 93.9783, 94.1748



71.2760, 89.1162, 45.7934



17.4156, 19.9690, 19.7898



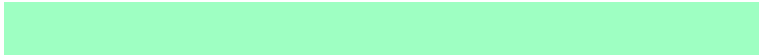
0.0000, 0.0000, 0.0000



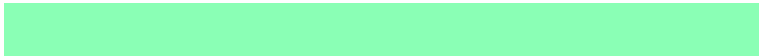
20.3446, 21.4041, 23.3091

Same Dimension

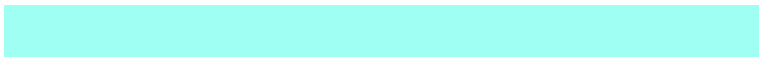
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.5989, 82.6845, 63.8588



54.5563, 80.2436, 56.4556



65.8981, 85.2042, 97.0300



18.0503, 20.2797, 20.5679



19.8221, 37.8254, 12.2143



1.9807, 3.7032, 1.4561

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



66.2535, 50.8291, 73.3371



62.1018, 44.0775, 67.1689



60.8118, 48.6524, 44.6816



18.4900, 18.1793, 21.1973



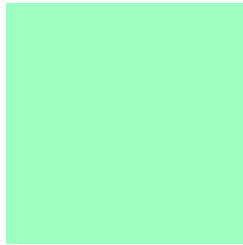
24.9553, 12.4714, 18.9470



2.4827, 1.2354, 2.1231

Previews

White Background



This preview shows how the XYZ color 59.5982, 82.6841, 63.8574 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 59.5982, 82.6841, 63.8574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5982, 82.6841, 63.8574

Background



This preview shows how black text looks on a background with the XYZ color 59.5982, 82.6841, 63.8574.



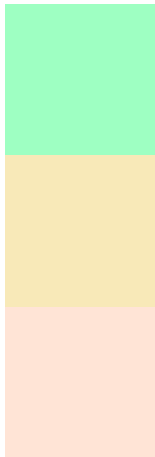
This preview shows how white text looks on a background with the XYZ color 59.5982, 82.6841,

63.8574.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

59.5982, 82.6841, 63.8574

Protanopia

76.5020, 81.6950, 57.0840

Deuteranopia

81.1210, 81.6018, 75.0935



Tritanopia

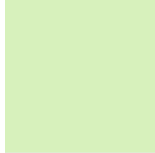
72.5671, 82.4600, 106.6994

Trichromacy



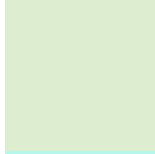
Original Color

59.5982, 82.6841, 63.8574



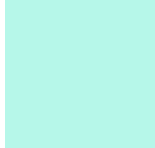
Protanomaly

68.5567, 80.9885, 59.5960



Deuteranomaly

71.3522, 80.8697, 70.8802



Tritanomaly

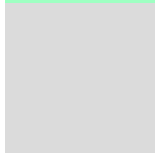
67.2601, 82.3498, 89.4409

Monochromacy



Original Color

59.5982, 82.6841, 63.8574



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

63.5154, 74.2367, 71.9543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5982, 82.6841, 63.8574 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(158, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(158, 255, 194)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(158, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 255, 194) }
```

Border

The CSS property to change the border of an element to XYZ 59.5982, 82.6841, 63.8574 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 255, 194) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(158, 255, 194) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(158, 255, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(158, 255,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5982, 82.6841, 63.8574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 255, 194) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(158,  
255, 194) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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